

C Language

Duration: 1 months (Mon-Sat)

Fee: Rs. 3500/-

- Programming techniques
- History of C
- Environment Setup
- Program Structure
- Basic Syntax
 - Data types
 - Constants
 - Variables
 - Keywords
- Compilation & Execution
- Sequential Programs Practices
- **Exercise & Assignments**
- Inputs & Instructions
- **Exercise & Assignments**
- Control Statements & Operators
- **Exercise & Assignments**
- Decision Control Structure
- **Exercise & Assignments**
- Loop Control Structure
 - While loop
 - For loop
 - Do while loop
 - Break & Continue
 - Goto statement
- **Exercise & Assignments**
- Case Control Structure
 - Switch case
 - Ternary Operator
- **Exercise & Assignments**
- Functions & Pointers
 - Passing values between functions
 - Function declaration & prototypes
 - Call by Value & reference
 - Pointer & Pointer to pointer
- **Exercise & Assignments**
- Arrays
 - Single Dimensional Array
 - Double Dimensional Array
- **Exercise & Assignments**
- String Handling
 - Pointer & String
 - Standard library
- **Exercise & Assignments**
- Structure
- **Exercise & Assignments**
- Console Input / Output
- File Input / Output

- File handling
- Record I/O in files
- Text Files & Binary Files
- **Exercise & Assignments**
- Dynamic Memory Allocation
- Bitwise Operation